

WHAT IS CLAIMED IS:

1. A throttle grip apparatus, comprising:

a throttle grip rotatably mounted on the leading end of  
5 a handlebar of a vehicle;

a case disposed on the handlebar at a position being  
adjacent to the throttle grip;

a throttle opening angle sensor for detecting the rotation  
angle of the throttle grip and disposed in the case; and,

10 an energizing unit for energizing the throttle grip in  
a direction to return to the initial position thereof, an engine  
of a vehicle being controlled in accordance with the detected  
value of the throttle opening angle sensor,

wherein the energizing unit includes a spiral spring  
15 mounted on the base end side of the throttle grip and having  
one end fixed to the base end portion of the throttle grip and  
the other end fixed to the case, and the spiral spring is wound  
up as the throttle grip is rotated from the initial state thereof.

20 2. A throttle grip apparatus as set forth in claim 1,  
wherein the spiral spring changes in such a manner that the  
mutually contacted portions of the spiral spring increase  
gradually with the rotation of the throttle grip.